

CLAIMS

1 1. A method for creating a data file using a programming  
2 development environment on a computer system, said method  
3 comprising the steps of:

4 building a program in said development environment to  
5 represent said data file;

6 compiling the program in said development environment  
7 into a software executable; and

8 running the executable to generate the data file.

1 2. The method of claim 1 whereby the program is built by  
2 linking a plurality of development components

1 3. The method of claim 2 whereby at least one component  
2 comprises characteristic data file information

1 4. The method of claim 3 whereby, on running the  
2 executable, at least one compiled component outputs its  
3 respective data file information into the data file.

1 5. The method of claim 4 whereby, on running the  
2 executable, at least one compiled component creates a file  
3 output stream and writes its respective data file  
4 information to the output stream.

1 6. The method of claim 4 whereby, on running the  
2 executable, at least one compiled component causes another

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1 14. The method of claim 1, wherein the data file comprises  
2 mark-up information.

1 15. The method of claim 14, wherein the mark-up information  
2 comprises XML.

1 16. The method of claim 1 wherein the data file is for  
2 interpretation by a third party computer system.

1 17. The method of claim 16 wherein the third party computer  
2 system comprises a dialogue management system for a computer  
3 telephony system.

1 18. A system for creating a data file using a programming  
2 development environment on a further computer system, said  
3 system comprising:

4 means for building a program in said development  
5 environment to represent said data file;

6 means for compiling the program in said development  
7 environment into a software executable; and

8 means for running the executable to generate the data  
9 file.

1 19. The system of claim 18 whereby the program is built by  
2 linking a plurality of development components

1 20. The system of claim 19 whereby at least one component  
2 comprises characteristic data file information

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1 21. The system of claim 20 whereby, on running the  
2 executable, at least one compiled component outputs its  
3 respective data file information into the data file.

1 22. The system of claim 21 whereby, on running the  
2 executable, at least one compiled component creates a file  
3 output stream and writes its respective data file  
4 information to the output stream.

1 23. The system of claim 21 whereby, on running the  
2 executable, at least one compiled component causes another  
3 component to output its respective data file information  
4 into the data file.

1 24. The system of claim 19 wherein at least one development  
2 component comprises a graphical icon for a visual  
3 development graphical user interface.

1 25. The system of claim 19 wherein the development  
2 components are Java beans.

1 26. The system of claim 19 wherein the development  
2 components comprise a main component and a sub-component.

1 27. The system of claim 26 wherein the main development  
2 component represents a form.

1 28. The system of claim 27 wherein the sub-component  
2 represents a text field on the form.

1 29. The system of claim 19 whereby the program is compiled  
2 by generating an executable component from each development  
3 component and linking the executable components together.

1 30. The system of claim 29 whereby, on running a first  
2 executable component, data file information from the first  
3 executable is output before running the next and subsequent  
4 executable components.

1 31. The system of claim 18, wherein the data file comprises  
2 mark-up information.

1 32. The system of claim 31, wherein the mark-up information  
2 comprises XML.

1 33. The system of claim 18 wherein the data file is for  
2 interpretation by a third party computer system.

1 34. The system of claim 33 wherein the third party computer  
2 system comprises a dialogue management system for a computer  
3 telephony system.

1 35. A computer program product ~~comprising computer program~~  
2 ~~code stored on a computer readable storage medium for,~~

3 creating a data file using a programming development  
4 ~~environment, said computer program product comprising:~~  
5 means for building a program in said development  
6 environment to represent said data file;  
7 <sup>3</sup> means for compiling the program in said development  
8 <sup>9/13</sup> environment into a software executable; and  
9 means for running the executable to generate the data  
10 file.

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